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PTO/SB/81 (05-03)

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AUTHORIZATION OF AGENT**

Application Number	09/715,772
Filing Date	November 17, 2000
First Named Inventor	Dennis
Title	Multi-Thread Peripheral...
Art Unit	
Examiner Name	
Attorney Docket Number	NC 84 781

I hereby appoint:

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26384



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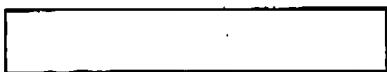
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I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

Technology Center 2100

SIGNATURE of Applicant or Assignee of RecordName Thomas E. McDonnellSignature Thomas E. McDonnellDate 23 June 2003Telephone 703-696-5888

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: United States of America as Represented by the Secretary of Navy

Application No./Patent No.: 09/715 772 Filed/Issue Date: November 17, 2000

Entitled: Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus-UTILITY

United States of America as Represented by the Secretary of the Navy

a Government Agency

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- the assignee of the entire right, title, and interest; or
- an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Jack B. Dennis, Sam B. Sandbone, Acorn Networks Inc.
The document was recorded in the United States Patent and Trademark Office at Reel 011686, Frame 0579, or for which a copy thereof is attached. United States of America Represented by
2. From: Acorn Networks Inc. To: Secretary of the Navy
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

83 June 2003

Date

703-696-9000

Telephone number

Thomas E. McDonnell

Typed or printed name

Thomas E. McDonnell

Signature

Patent Counsel/PTO

Title

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Technology Center 2100

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, ACORN NETWORKS, INC., a corporation organized under the laws of _____, is the lawful owner of the entire right, title, and interest in the following patents and/or patent applications:

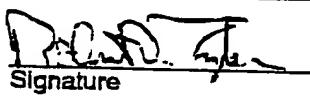
Patent Title	Application/Patent Number	Inventors
Real-Time Scheduler Method and Apparatus	Patent #US 6,195,699 B1	Jack B Dennis
Multithread Computer Design to Support an Advanced Programming Model	60/166,684	Jack B Dennis
Multiple Buffer Queuing of Data Packets with High Throughput Rate	09/688,407	Tam-Anh Chu
Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus	09/715,772	Jack B Dennis, Sam B Sandbore
Locking Memory Accesses in Multi-Thread Computing System	09/715,773	Jack B Dennis
Prioritizing Resource Utilization in Multi-Thread Computing System	09/715,778	Jack B Dennis
Priority Mechanism for a Multithreaded Computer	60/166,685	Jack B Dennis
Integrated Processor for Multithread Computer with Real-Time Input/Output Capability	60/166,686	Jack B Dennis
Data-Locking Scheme for Multithread Computer	60/166,667	Jack B Dennis
System and Method for Processing Overlapping Tasks in a Programmable Network Processor Environment	09/833,581	Jack B Dennis, Joel Z Apisdorf, Sam B. Sandbore
System and Method for Data Forwarding in a Programmable Network Processor Environment	09/833,578	Jack B Dennis, Joel Z Apisdorf, Michael D Poole
System and Method for Instruction-Level Parallelism in a Programmable Network Processor Environment	09/833,580	Joel Z Apisdorf, Sam B. Sandbore
Adaptive Control of Multiplexed Input Buffer Channels	09/859,150	Sam B Sandbore
Shift Processing Unit	09/933,786	Sam B Sandbore

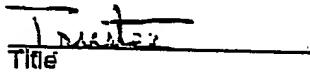
WHEREAS, the Government of the United States, as represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said applications and/or patents; and

WHEREAS, Acorn Networks, Inc., is desirous of granting such an assignment;

NOW, THEREFORE, in consideration of good and valuable consideration the receipt of which is hereby acknowledged, Acorn Networks, Inc. hereby assigns and transfer to the Government the entire right, title and interest in and to U.S. Patent No. 6,195,699, and in and to U.S. Patent Application Nos. 60/166,684, 09/688,407, 09/715,772, 09/715,773, 09/715,778, 60/166,685, 60/166,686, 60/166,667, 09/833,581, 09/833,578, 09/833,580, 09/859,150, and 09/933,786, and the entire right, title and interest in and to any continuation, division, or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said Patent may be granted, as fully and entirely as the same would have been held by Acorn Networks, Inc. had this assignment not been made.

Executed this 11th day of JUNE, 2002, at ALEXANDRIA, VA


Signature


Title

UNITED STATES BANKRUPTCY COURT
Eastern District of Virginia
Alexandria Division

In Re:

CASE NO. 02-81375-RGM

ACORN NETWORKS, INC.

Debtor(s)

(Chapter 7)

APPOINTMENT OF INTERIM TRUSTEE AND TRUSTEE
AND DESIGNATION OF REQUIRED BOND

ROBERT O. TYLER of ALEXANDRIA, VIRGINIA,

is hereby appointed Interim Trustee for the estate(s) of the above named debtor(s). Unless a trustee is elected at the meeting of creditors to be called pursuant to Section 341 of Title 11, United States Code, in the above referenced case, the Interim Trustee shall serve as Trustee.

This case is covered by the blanket bond for Chapter 7 case Trustees, a copy of which is on file with the Court.

March 26, 2002

Dated

W. Clarkson McDow, Jr.
United States Trustee

By: 
Dennis J. Early
Asst. U.S. Trustee
115 S. Union Street
Suite 210
Alexandria, Virginia 22314
(703) 557-7176



04800 P004 TVN Acorn Networks, Inc.

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

JUNE 25, 2001

BLAKELY, SOKOLOFF, TAYLOR ET AL
THINH V. NGUYEN
12400 WILSHIRE BOULEVARD
7TH FLOOR
LOS ANGELES, CA 90025

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101677358A

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LOS ANGELES

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REEL/FRAME: 011686/0579
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DENNIS, JACK B.

DOC DATE: 11/17/2000

ASSIGNOR:

SANDBOTE, SAM B.

DOC DATE: 11/17/2000

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JUL 03 2001

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
COSTA MESA

ASSIGNEE:

ACORN NETWORKS, INC.
11491 SUNSET HILLS ROAD, SUITE 350
RESTON, VIRGINIA 20190

SERIAL NUMBER: 09715772

FILING DATE: 11/17/2000

PATENT NUMBER:

ISSUE DATE:

SHARON LATIMER, EXAMINER
ASSIGNMENT DIVISION
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JUL 02 2001

STATUS DB-LA

11-17-00

04-20-2001

FORM PTO-1595
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Original documents or copy thereof.

1. Name of conveying party(ies): <u>Jack B. Dennis; Sam B. Sandbute</u>		2. Name and address of receiving party(ies): Name: <u>Acorn Networks, Inc.</u>
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> No <input type="checkbox"/> Yes		
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____ <input type="checkbox"/> Merger _____		Street Address: <u>11491 Sunset Hills Road, Suite 350</u>
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>11/17/00</u>		
A. Patent Application No.(s)		B. Patent No.(s) <u>09715772</u>
Additional numbers attached?		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Blakely, Sokoloff, Taylor & Zafman LLP</u>		6. Total number of applications and patents involved: <u>1</u>
Internal Address: _____		7. Total Fee (37 CFR 3.41).....\$ <u>40.00</u>
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<u>Thinh V. Nguyen, Reg. No. 42,034</u> Name of Person Signing		 Signature
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WASHINGTON, D.C. 20231

November 17, 2000

Date

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Attorney Docket No. 004800.P004

Attorney's Docket No.: 004800.P004

ASSIGNMENT

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged; we, the undersigned:

Jack B. Dennis, Sam B. Sandbute

hereby sell, assign, and transfer to:

Acorn Networks, Inc.

a corporation of Delaware, having a principal place of business at 11491 Sunset Hills Road, Suite 350, Reston, Virginia 20190, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

Multi-Thread Peripheral Processing Using Dedicated Peripheral Bus

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application.

I agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements; and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Each Inventor: Please Sign and Date Below:

Each Inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

Date

17 November 00

Date

11/17/2000

Date

Name: **Jack B. Dennis**

Jack B. Dennis

Name: **Sam B. Sandbore**

SB Sandbore

Name:

Date

17 November 2000

Date

11/17/2000

Date

Date

Date

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Telephone: (714) 557-3800

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